

## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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25X1

COUNTRY Bulgaria

REPORT

SUBJECT Miscellaneous Road Information

DATE DISTR. 26 March 1954

DATE OF INFO.

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PLACE ACQUIRED

REQUIREMENT NO. RD 25X1

REFERENCES

25X1

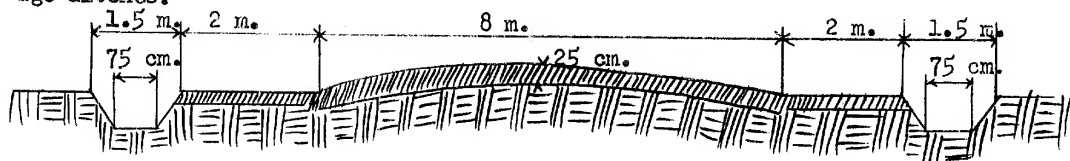
This is UNEVALUATED Information

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THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

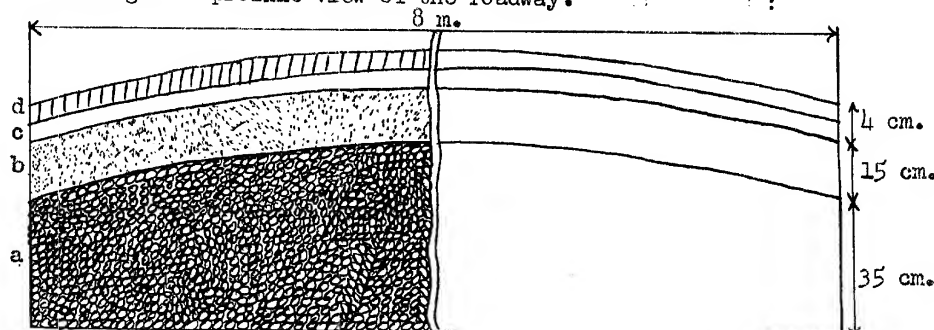
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International Highway - Belgrade-Istanbul (Via Sofia-Pazardzhik-Plovdiv-Svilengrad)

1. The following is a profile view of the road, showing roadway, shoulders, and drainage ditches:



2. The following is a profile view of the roadway:



25 YEAR RE-REVIEW

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		ORR EV	X		
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Note: Washington Distribution Indicated By "X"; Field Distribution By "#".

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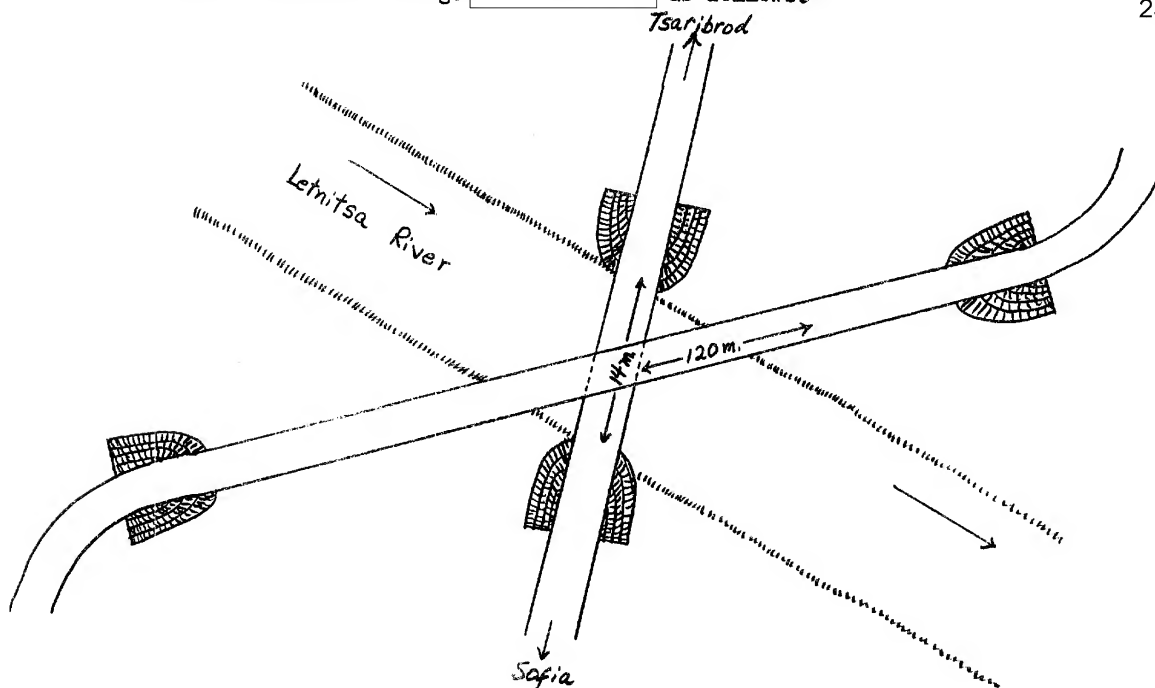
- a. Natural gravel, from quarries, sifted, pieces about 2-5 centimeters in size.
  - b. Sharp gravel.
  - c. Sand.
  - d. Hewn granite with average size of 16-18 by 12 by 14 centimeters. Sealed together with mastic asphalt.
3. Sidewalks are two meters wide, made of stones cemented together. The drainage ditches are of packed earth (see sketch in paragraph 1 above).
  4. This highway, as it appears at present, was constructed in the years 1936-1942. It follows the route of an old road which had a roadway of six meters.
  5.  the following bridges along this road:

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## a. Over the Letnitsa River:

- Location: 1,600 meters southeast of Tsaribrod (N 43-02, E 23-03).
- Construction: Prior to 1920. It has not undergone major maintenance work.
- Type of bridge: Reinforced concrete, 3-span, arched. Crosses obliquely above a railroad bridge  as follows:

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- Abutments and piers: Stone masonry.
- Length: Approximately 120 meters.
- Height above the railroad bridge: 20 meters.

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- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Slow.
- High water mark: 2 meters.
- Low water mark: 30-40 centimeters.
- Inclined banks: Left bank 70°, right bank 40°.

## b. Over the Vrubnitsa River:

- Location: 200 meters east of Slivnitsa (N 42-51, E 23-01).
- Type of bridge: Single-span, arched, of reinforced concrete construction.

## c. Over the Golyam Iskur River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: Approximately 12 kilometers east from the center of Sofia.
- Type of bridge: Iron, girder-type, 10-12 spans.
- Girders: The bridge has straightaway trellis-type girders, six meters high, joined by hinges and provided with pure cycles of trellis.
- Abutments and piers: Of stone masonry.
- Length: Approximately 450 meters.
- Width: 9 meters.
- Height above river bed: 7 meters.
- Sidewalks: Two lateral walks each 1 meter wide.
- Mined: ?
- Current: Rather rapid.
- High water mark: 3 meters.
- Low water mark: 30-40 centimeters.
- Inclined banks: 50°. The height of the bank in the vicinity of the bridge is about 20 meters.

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25X1

## d. Over the Mativir River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: Approximately 6 kilometers east of Vakarel (N 42-33, E 23-43).

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25X1

- Type of bridge: Reinforced concrete, arched, single span with chord of 20 meters.
  - Abutments: Stone masonry.
  - Length: 30-35 meters.
  - Width: 9 meters.
  - Height above river bed: 5 meters.
  - Sidewalks: Two lateral walks each one meter wide.
  - Mined: ?
  - Current: Slow.
  - High water mark: ?
  - Low water mark: 30-40 centimeters.
  - Banks: Almost level with the land.
- e. Over the Maritsa River:
- Construction: Prior to 1920. Has not undergone major maintenance work.
  - Location: 400 meters northeast of Kostenets Banya (Gara Kostenets, N 42-18, E 23-52).
  - Type of bridge: Reinforced concrete, girder-type, three spans of 12 meters each.
  - Abutments and piers: Concrete.
  - Length: 50 meters.
  - Width: 10 meters.
  - Height above river bed: 8 meters.
  - Sidewalks: Two lateral walks each one meter wide.
  - Side walls: Railings of reinforced concrete.
  - Mined: ?
  - Current: Rapid.
  - High water mark: 2.5 meters.
  - Low water mark: 50-60 centimeters.
  - Banks: Rocky, with an inclination of 60°. They maintain a height of 4-5 meters above the river bed for an indefinite distance both upstream and downstream of the bridge.

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## f. Over the Maritsa River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: 150 meters northwest of Sestrimo (N 42-13, E 23-54).
- Type of bridge: Reinforced concrete, arched, single span with chord of 40 meters and camber of 4-5 meters.
- Abutments: Of stone masonry.
- Length: Approximately 60 meters.
- Width: 9 meters.
- Height above river bed: 15 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Rapid.
- High water mark: ?
- Low water mark: 50 centimeters.
- Banks: Slope of 60°. Height of 20 meters maintained for an indefinite distance.

## g. Over the Eli Dere River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: Approximately 4,500 meters east of Saran'ovo (N 42-13, E 24-06).
- Type of bridge: Reinforced concrete, girder-type, 6-7 spans.
- Abutments and piers: Stone masonry.
- Length: 150 meters.
- Width: 9 meters.
- Height above river bed: 5 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Rapid (in the spring).

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- High water mark: 2-3 meters.
- Low water mark: Almost no water.
- Banks: Almost level with the land.
- River bed: Width of 200 meters, except at the point where the bridge is located, where it narrows down.

h. Over the Topolnitsa River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: 800 meters west of Pazardzhik (N 42-11, E 24-19).
- Type of bridge: Metal, girder-type, three spans of 20 meters each.
- Abutments and piers: Stone masonry.
- Length: 72 meters.
- Width: 9 meters.
- Height above river bed: 8-9 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Slow.
- High water mark: ?
- Low water mark: 80 centimeters.
- Banks: Slope of 50-60°. Height of 3-3.5 meters in the vicinity of the bridge.

i. Over the Maritsa River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: Western outskirts of Plovdiv.
- Type of bridge: Reinforced concrete, girder-type, 10 spans of 20 meters each.
- Abutments and piers: Of stone masonry.
- Length: 320-340 meters.
- Width: 9 meters.

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- Height above river bed: 8 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Slow.
- High water mark: 2-3 meters.
- Low water mark: 50 centimeters.
- Banks: Lined with stone masonry for an indefinite distance both upstream and downstream from the bridge. Banks have a height of 4 meters and a slope of 75°.

## j. Over the Maritsa River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: Two kilometers east of Borisovgrad (N 42-00, E 25-15).
- Type of bridge: Reinforced concrete, girder-type, 10-12 spans.
- Abutments and piers: Of stone masonry.
- Length: 400 meters.
- Width: 9 meters.
- Height above river bed: 10 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Rapid (in the spring).
- High water mark: 3 meters.
- Low water mark: 20-30 centimeters.
- Banks: Maintain a height of 5-6 meters for an indefinite distance.

## k. Over the Maritsa River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: Two kilometers west of Simeonovgrad (N 42-03, E 25-50).
- Type of bridge: Reinforced concrete, girder-type, 10-12 spans.

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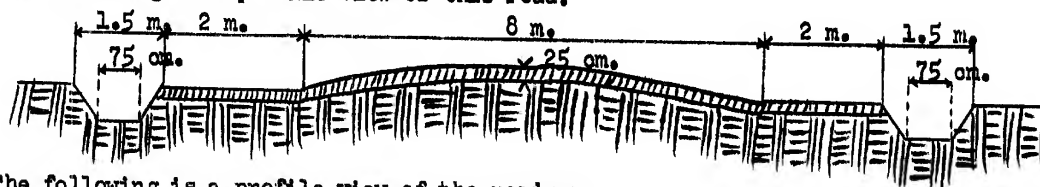
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- Abutments and piers: Of stone masonry.
- Length: 450 meters.
- Width: 9 meters.
- Height above river bed: 8-9 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Current: Rather rapid (in the spring).
- High water mark: 2 meters.
- Low water mark: 30 centimeters only, at certain places.
- Banks: Slope of 60°. Maintain a height of 4-5 meters for an indefinite distance.

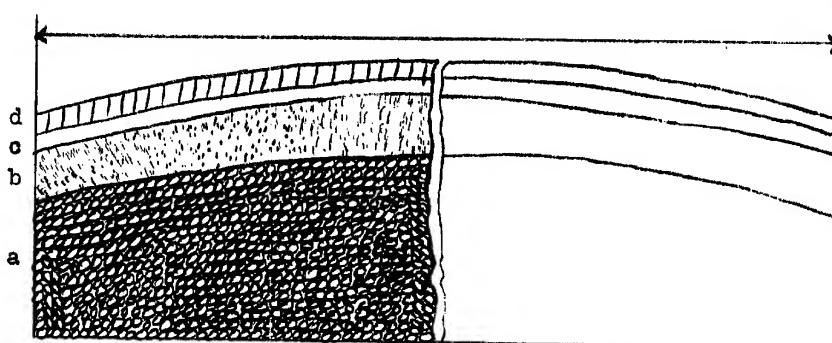
6. There are no tunnels or viaducts along this road.

First Class Road - Sofia-Samokov

7. The following is a profile view of this road:



8. The following is a profile view of the roadway:



- a. Natural gravel, from quarries, sifted, pieces about 2-5 centimeters in size.
- b. Sharp gravel.
- c. Sand.
- d. Hewn granite with average size of 16-18 by 12 by 14 centimeters. Sealed together with mastic asphalt.

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25X1

9. The sidewalks are two meters wide, constructed of stones cemented together. The drainage ditches are of packed earth (see sketch in paragraph 8 above).
10. This road was constructed in 1938-1942 as a modification and realignment of an old public road which had a roadway six meters wide.

11.  the following bridges along this route:

25X1

- a. Over the Bistritsa River :

25X1

- Construction: Prior to 1920. Has not undergone any major maintenance work.
- Location: In the middle of the Pancharevo area (N 42-35, E 23-24).
- Type of bridge: Reinforced concrete, arched, single-span.
- Girders: The bridge has two girders (one on each side) which are continuous, with parabola shape on top, of reinforced concrete.
- Abutments: Of stone masonry.
- Length: 40 meters.
- Width: 9 meters.
- Height above river bed: 8 meters.
- Sidewalks: Two lateral walks each 1.5 meters wide.
- Side walls: Metal railing.
- Mined: ?
- Current: Rapid.
- High water mark: 3 meters.
- Low water mark: 30 centimeters.
- Banks: 75° slope. Height of 5 meters and lined with stone masonry for a distance of 600 meters upstream and 600 meters downstream.

- b. Over the Golyam Iskur River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: 800 meters south of Kalkovo (N 42-27, E 23-33).
- Type of bridge: Metal, girder-type, with five spans of 18 meters each.
- Abutments and piers: Of stone masonry.
- Length: 115-120 meters.
- Width: 8 meters.

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25X1

- Height above river bed: 7 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Metal railing.
- Mined: ?
- Current: Medium.
- High water mark: ?
- Low water mark: 40-50 centimeters.
- Banks: Slope of 50-60°. Height of 6 meters in the immediate vicinity of the bridge, both upstream and downstream, gradually lessening to 2 meters above the river bed.

## c. Over the Iskur River:

- Construction: Prior to 1920. Has not undergone major maintenance work.
- Location: 300 meters northwest of Samokov (N 42-19, E 23-33).
- Type of bridge: Metal, girder-type, with four spans of 20 meters each.
- Abutments and piers: Of stone masonry.
- Length: 100 meters.
- Width: 9 meters.
- Height above river bed: 6-7 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Metal railing.
- Mined: ?
- Current: Medium.
- High water mark: 2 meters.
- Low water mark: 50-60 centimeters.
- Banks: Slope of 75°. Height of 4 meters, lined with stone masonry for a distance of 200 meters downstream and 400 meters upstream.

12.  the following information concerning the bridge over the Iskur River along the Dupnitsa-Samokov highway:

25X1

- Location: 200 meters south of the bridge described in paragraph 11 c above.
- Type of bridge: Reinforced concrete, girder-type, four spans of approximately 15 meters each.

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25X1

- Length: 80 meters.
- Width: 9 meters.
- Height above river bed: 6-7 meters.
- Sidewalks: Two lateral walks each one meter wide.
- Side walls: Railings of reinforced concrete.
- Mined: ?
- Current: Medium.
- High water mark: 2 meters.
- Low water mark: 50 centimeters.
- Banks: Slope of 70°. Height of 4 meters; lined with stone masonry for an indefinite distance upstream and downstream.

13.  the following information concerning the bridge over the Yantra River along the Gorna Oryakhovitsa (N 43-07, E 25-41) - Stara Zagora (N 42-25, E 25-38) highway: (May 1951)

25X1

- Location: In the western outskirts of Turnovo (N 43-04, E 25-40).
- Type of bridge: Metal, arch-type, single span.
- Abutments: Of stone masonry.
- Length: Approximately 60 meters.
- Width: 10 meters.
- Height above river bed: 20 meters.
- Sidewalks: Two lateral walks each 1.5 meters wide.
- Side walls: Metal railing.
- Mined: ?
- Current: Slow.
- High water mark: 4-5 meters.
- Low water mark: 1 meter.
- Banks: Rocky, with a slope of 80°. A height of 10-15 meters is maintained for an indefinite distance both upstream and downstream.

25X1

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